

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A quad type liquid crystal display device,
comprising:

a liquid crystal panel having gate and data lines which define sub-pixel
regions;

gate driving integrated circuits for driving the gate lines; and

a plurality of data drive integrated circuits arranged on one side of the
liquid crystal panel, each of the data drive integrated circuits having "m" (m is
a natural number) number of channels,

wherein 2nd, 5th, ... (3n-1)th (n is a natural number) channels for each
data drive integrated circuit are floating;

wherein pairs of pixels of the same polarity are separated by a floating
state of an opposite polarity and adjacent pairs have opposite polarity.

2. (ORIGINAL) The device of claim 1, wherein each of two by two sub
pixels corresponds to red, a first green, a second green, and blue color filters,
respectively.

3. (ORIGINAL) The device of claim 1, wherein m is 384.

4. (ORIGINAL) The device of claim 1, wherein the number of data
integrated circuits is four.

5. (Currently Amended) A liquid crystal display panel;
a plurality of drive integrated circuits for driving the panel, each of said plurality of drive integrated circuits having "m" (m is a natural number) number of channels and "n" (n is a natural number) number of floating channels wherein 2nd, 5th, ... (3n-1)th channels are floating and
a plurality of films for connecting the drive integrated circuits, each film having (m-n) number of lines,
wherein $n < m$; and
wherein pairs of pixels of the same polarity are separated by a floating state of an opposite polarity and adjacent pairs have opposite polarity.

6. (Cancelled)

7. (Previously Presented) The liquid crystal display panel of claim 5, wherein m is 384.

8. (Previously Presented) The device of claim 1, wherein the data drive integrated circuits are located on only one side of the liquid crystal panel.

9. (Previously Presented) The liquid crystal display panel of claim 5, wherein each of two by two sub pixels corresponds to red, a first green, a second green, and blue color filters, respectively.

10. (Previously Presented) The liquid crystal display panel of claim 5, wherein the number of drive integrated circuits is four.

11. (Previously Presented) The liquid crystal display panel of claim 5, wherein the drive integrated circuits are located on only one side of the liquid crystal panel.

12. (Previously Presented) A quad type liquid crystal display device, comprising:

a liquid crystal panel having gate and data lines which define sub-pixel regions;

gate driving integrated circuits for driving the gate lines; and

a plurality of data drive integrated circuits arranged on one side of the liquid crystal panel, each of the data drive integrated circuits having "m" (m is a natural number) number of channels,

wherein 2nd, 5th, ... (3n-1)th (n is a natural number) channels for each data drive integrated circuit are floating, and

wherein a first group of four sub-pixels for a first pixel have one of positive and negative polarity, and a next group of four sub-pixels for a next pixel have the other of positive and negative polarity, and remaining groups of four sub-pixels for remaining pixels alternate between positive and negative polarity.

13. (Previously Presented) A liquid crystal display panel;

a plurality of drive integrated circuits for driving the panel, each of said plurality of drive integrated circuits having “m” (m is a natural number) number of channels and “n” (n is a natural number) number of floating channels;

a plurality of films for connecting the drive integrated circuits, each film having (m-n) number of lines,

wherein $n < m$, and

wherein a first group of four sub-pixels for a first pixel have one of positive and negative polarity, and a next group of four sub-pixels for a next pixel have the other of positive and negative polarity, and remaining groups of four sub-pixels for remaining pixels alternate between positive and negative polarity.

14. (Previously Presented) The device of claim 1, wherein there are at least three of said plurality of data drive integrated circuits.

15. (Previously Presented) The liquid crystal display panel of claim 5, wherein there are at least three of said plurality of drive integrated circuits.